

WHAT IS CLAIMED IS:

1. A synchronized beat notification system comprising:

a beat input unit to which a user inputs a beat with arbitrary timing;

a master radio communication unit for transmitting, as radio information, the beat inputted to the input unit;

a master device composed of a master housing containing therein the beat input unit and the master radio communication unit;

a slave radio communication unit for receiving the information transmitted from the master radio communication unit;

a beat notification unit for performing notification of the beat in accordance with the information received by the slave radio communication unit; and

a slave device composed of a slave housing containing therein the slave radio communication unit and the beat notification unit.

2. A synchronized beat notification system according to claim 1, wherein the beat input unit is composed of at least one switch.

3. A synchronized beat notification system according to claim 1, wherein the beat input unit discriminates an output of a pressure sensor by using at least one comparator and distinctively outputs two types of events of inputting of a downbeat and inputting of an upbeat.

4. A synchronized beat notification system according to claim 1, wherein the master radio communication unit adds ID information on the master device to a signal indicative of the beat and transmits the signal with the added ID information.

5. A synchronized beat notification system according to claim 1, wherein the slave radio communication unit extracts ID information on a transmitter from the received information and informs the beat notification unit of beat indication only when the extracted ID information coincides with ID information on a master device intended to become a communication partner.

6. A synchronized beat notification system according to claim 1, wherein the beat notification unit performs notification of beat indication with LCD display.

7. A synchronized beat notification system according to

claim 1, wherein the beat notification unit performs notification of beat indication with LED display.

8. A synchronized beat notification system according to claim 1, wherein the beat notification unit performs notification of beat indication with sound.

9. A synchronized beat notification system according to claim 1, wherein the beat notification unit performs notification of beat indication with bodily-sensational expression.

10. A synchronized beat notification system according to claim 1, wherein the beat notification unit has a volume for adjusting a strength of expression.

11. A synchronized beat notification system according to claim 1, wherein each of the master housing and the slave housing has resistance to water.

12. A synchronized beat notification system according to claim 1, wherein the master device is composed of: the beat input unit to which the user inputs the beat with arbitrary timing; a predetermined-cycle beat generator for

predetermining a cycle in which beat indication timing is provided and indicating starting and stopping of beat generation; the master radio communication unit for radio-transmitting a fact that beat generation is indicated in the beat input unit and in the predetermined-cycle beat generator; and the master housing containing therein the beat input unit, the predetermined-cycle beat generator, the master radio communication unit, and the beat generation display unit.

13. A synchronized beat notification system according to claim 1, wherein the master device is composed of: the beat input unit to which the user inputs the beat with arbitrary timing; a predetermined-cycle beat generator for predetermining a cycle in which beat indication timing is provided and indicating starting and stopping of beat generation; the master radio communication unit for radio-transmitting a fact that beat generation is indicated in the beat input unit and in the predetermined-cycle beat generator; a beat generation display unit for displaying that beat generation is indicated in the beat input unit and in the predetermined-cycle beat generator; and the master housing containing therein the beat input unit, the predetermined-cycle beat generator, the master radio communication unit, and the beat generation display unit.

14. A synchronized beat notification system according to claim 1, wherein the slave device is composed of: the slave radio communication unit for receiving the information transmitted from the master radio communication unit; a slave predetermined-cycle beat generation indicator for predetermining a cycle in which beat generation timing is provided and indicating starting and stopping of beat generation; the beat notification unit for performing notification of a fact that beat indication is performed by the slave radio communication unit and by the slave predetermined-cycle beat generation indicator upon receipt of the fact; and the slave housing containing therein the slave radio communication unit, the slave predetermined-cycle beat generation indicator, and the beat notification unit.